

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-054463

(43)Date of publication of application : 25.02.1997

(51)Int.Cl.

G03G 13/26

(21)Application number : 07-224530

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(22)Date of filing : 10.08.1995

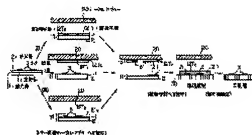
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(54) PREPARATION OF ELECTROPHOTOGRAPHIC SYSTEM PROCESS PRINTING PLATE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a printing plate in which transfer property and desensitizing processability a transfer layer are improved, and which give a high definition and high-quality image.

SOLUTION: A toner image 3 is formed on an electrophotographic photoreceptor 11 having peelable surface by electrophotographic process, is transferred on a first receptor 20 through a first transfer layer 12 (T1) on the photoreceptor 11 side which is coated with resin particle (AW) containing two or more kinds of resin having different glass transition temperature in the same particle by electrodeposition, and a second transfer layer 12 (T2) on the first receptor 20 side which is coated with particles (A2L) containing resin having the glass transition temperature of 10 to 35°C or the softening point of 30 to 50°C by electrodeposition, and the image 3 on the receptor 20 is transferred on a material 30 to be transferred which becomes a hydrophilic surface capable of planographic printing with the transfer layer 12 in the case of printing, the transfer layer 12 on the material 30 is removed by chemical reaction processing, and a printing plate is prepared.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]